Amendments to the Specification

Please amend the specification as follows:

On page 24, line 13 - page 25, line 6:

FIGURE 4 illustrates a circuit diagram of attenuation device 12. Attenuation device 12 includes capacitive circuits 27, 29, 31 and 33 and resistive section 35. Capacitive circuits 27 and 29 couple to a first end of resistive section 35 and capacitive circuits 31 and 33 couple to a second end of resistive section 35. By coupling capacitive circuits 27, 29, 31 and 33 to both ends of resistive section 35, attenuation device 12 may be interchangeable such that either capacitive circuits 27 and 29 may couple to subscriber line 6 or capacitive circuits 31 and 33 may couple to subscriber line 6. In an alternative embodiment, attenuation device 12 may include capacitive circuits 27 and 29 and resistive section 35. Capacitive circuits 27 and 29 may couple between the first end of resistive section 35 and subscriber line 6. Capacitive circuits 27, 29, 31 and 33 function to block ring voltage from subscriber line 6 and protect resistive section 35 from the ring voltage. In one embodiment, resistive section 35 ~~resistive section 29~~ is an H-pad attenuator. The H-pad attenuator allows bi-directional communication of data signals and provides linear attenuation to data signals received from subscriber line 6 or transmitted by modem 4.

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On page 26, lines 7-18:

In one embodiment, capacitive elements 26 are 1 μF capacitors and resistive elements 28 are 1 megaohm ~~1 M~~ resistors. In a particular embodiment, resistive section 35 models 2,000 feet of subscriber line 6 wire. Resistive elements 30, 32, 34 and 36 are 9 ohm resistors ~~9 resistors~~ and resistive element 38 is a 100 ohm resistor ~~100 resistor~~. Resistive element 38 operates to match the impedance of subscriber line 6. At frequencies lower than 25 KH_z, capacitive elements 26 block signals from passing through resistive section 35 and thus, from being attenuated. At frequencies higher than 25 KH_z, however, capacitive elements 26 allow signals to pass through resistive section 35 and to be attenuated.

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